



# NITFS Compliance Registration



**Product:** Information Dissemination Services - Direct Delivery (IDS-D)  
(Effectivity NE128 only), Delivery 16.03

**Date:** September 17, 2004

**Expiration:** September 16, 2006

**Sponsor:** National Geospatial-Intelligence Agency (NGA)

**Registration #:** 132

**Developer:** Raytheon Company

- ☒ Initial Registration  
☐ Supplemental/Update #  
☐ Derived from Reg. #

☒ **System**  
N-0105/98, §4.1.1

☐ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

| Complexity Level |   |   |   |   |   |   |     |
|------------------|---|---|---|---|---|---|-----|
| NITF 2.1 CLEVEL  |   |   |   |   |   |   |     |
|                  | 3 | 5 | 6 | 7 |   |   |     |
| Interpret        |   |   |   |   |   |   |     |
| Generate         |   |   |   |   |   |   |     |
| NITF 2.0 CLEVEL  |   |   |   |   |   |   |     |
|                  | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
| Interpret        |   |   |   |   |   |   |     |
| Generate         |   |   |   |   |   |   |     |

## Configurations Tested:

- SunFire 6800 - Solaris 2.9

Image formats: Full, IMP, 8/8, and 11/16 bits

## NITFS Features Implemented:

### Format

#### NITF

☐ V2.1

☒ V2.0

☐ V1.1

#### NSIF

☐ V1.0

### Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☐ Bit Mapped \*\*

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels \*\*

### Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

### Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLY

☐ POLAR

### Image Compression

☒ Not Compressed

☐ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☐ JPEG Downsample

☒ JPEG Lossless

☐ Bi-Level

☐ Vector Quantization

☐ Multispectral JPEG, Individual Band

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☐ Registered Extensions \*\*

### Tagged Record

☒ Extensions

☒ National SDE - ALL

☒ IOMAPA

☒ ECC

NBLOCA

- Legend
- Interpret  
G
- ☒ Fully implemented
- ☒ Partially implemented
- ☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements.

Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Imagery & Mapping Agency  
for the NITFS Test and Evaluation Program